

Note: Drawing above illustrates only one of the suspension types available for this luminaire. For other drawings, consult individual Suspension Specification Sheet numbers as noted in Suspension chart(s) below.

Complete Luminaire consists of Body and Suspension: Order each separately.

Body Cat. No.	Finish	Lamps	Options
4A28442APBU <input type="checkbox"/> 4A28442ASNU <input type="checkbox"/>	Polished Brass Satin Nickel	4-26 Triple Tube Compact Fluorescent or 4-32 Triple Tube Compact Fluorescent or 4-42 Triple Tube Compact Fluorescent	D2 (26W, 120V only), E3 (347V), or EM Add suffix to cat. no.

Single Swivel Stem		Multiple Swivel Stem		Suspension Extension Kits	
Cat. No.	Nominal OAL	Cat. No.	Nominal OAL	Cat. No.	Nominal OAL
Specify Finish as Suffix: PB, SN		Specify Finish as Suffix: PB, SN		Specify Finish as Suffix: PB, SN	
4SB115 <input type="checkbox"/>	15 3/16" (close-to-ceiling)	4SB224 <input type="checkbox"/>	24 3/16"	4SXT48 <input type="checkbox"/>	48"
4SB118 <input type="checkbox"/>	16 5/8"	4SB228 <input type="checkbox"/>	28"	4SXT96 <input type="checkbox"/>	96"
4SB121 <input type="checkbox"/>	17 15/16"	4SB235 <input type="checkbox"/>	33 5/8"		
4SB124 <input type="checkbox"/>	24 3/16"	4SB242 <input type="checkbox"/>	38 15/16"		
4SB128 <input type="checkbox"/>	28"	See Specification Sheet 4SB224.			
4SB135 <input type="checkbox"/>	33 5/8"				
4SB142 <input type="checkbox"/>	38 15/16"				

See Specification Sheet(s) 4SB115, 4SB124

Specifications

- Suspension Size:** For optimum performance testing recommends OAL (overall length) in proportion to the Body diameter or for close-to-ceiling proportion length (see shaded cells). OAL is defined from bottom of diffuser to ceiling plane.
- Stem Wires:** Equipped with 120" of leads with keyed connector for quick connection to Body wiring.

Options & Accessories

D2 = Dimming Electronic Ballast, 26 Watt, only
Replace Body Cat No. Suffix "U" with Suffix "D2".

E3 = 347V (Canada)
Replace Body Suffix "U" with Suffix "E3".

EM = Emergency Battery Pack
Add Suffix "EM" to Body Cat. No.

Multi-Level Switching: Prewired, consult wiring diagram.

Fusing: Consult Factory.

Finishes: **PB** = Polished Brass **SN** = Satin Nickel

Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Notes:

Lightolier a Genlyte company
631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
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LIGHTOLIER



Features

- 1. Diffusing Reflector:** White translucent acrylic, 3/16" thick.
- 2. Inner Dirt Shield:** White translucent acrylic, 1/8" thick.
- 3. Chassis:** Steel, 20 gauge, semi-gloss white powder-coat finish.
- 4. Suspension:** Swivel (central) stem, 3/4" steel tube. Canopy, 7" Dia., fastened internally, no exposed hardware. Permits installation on ceilings with slope of up to 45°. Complies with California Code.
- 5. Lampholder:** Multi-wattage, 4-pin, will accept either GX24q-3 or GX24q-4 lamp base.

Lamping (by others)

Compact Fluorescent: Triple Tube, 26, 32, or 42 Watts.

	General Electric	Osram/Sylvania	Philips
26W Triple Tube 4-Pin (Amalgam) Compact Fluorescent Lamp			
F26TBX/*A/4P	CF26DT/E/IN/*	PL-T26W/*4P	
32W Triple Tube 4-Pin (Amalgam) Compact Fluorescent Lamp			
F32TBX/*A/4P	CF32DT/E/IN/*	PL-T32W/*4P	
42W Triple Tube 4-Pin (Amalgam) Compact Fluorescent Lamp			
F42QBK/*A/4P	CF42DT/E/IN/*	PL-T42W/*4P	

*Manufacturers' color temperature designation.

Electrical

Ballast: Electronic, 2-Lamp HPF, Class P, Programmed Start. Universal Voltage 120/277V, Multi-Wattage 26/32/42W.

4 Lamps	26 Watt		32Watt		42Watt	
Voltage	120V	277V	120V	277V	120V	277V
Total Input Watts	110	110	140	140	186	186
Max. Line Current (amps)	1.11	0.48	1.40	0.60	0.60	0.80
Power Factor	>0.98	>0.98	>0.98	>0.98	>0.99	>0.99
Ballast Factor	1.02	1.02	0.96	0.96	0.95	0.95

THD<10% Minimum Starting Temperature: -5°F/-20°C

Mounting

Mounts directly to 4" outlet box, using crossbar hanger, supplied.

Labels

cULus listed suitable for damp locations.

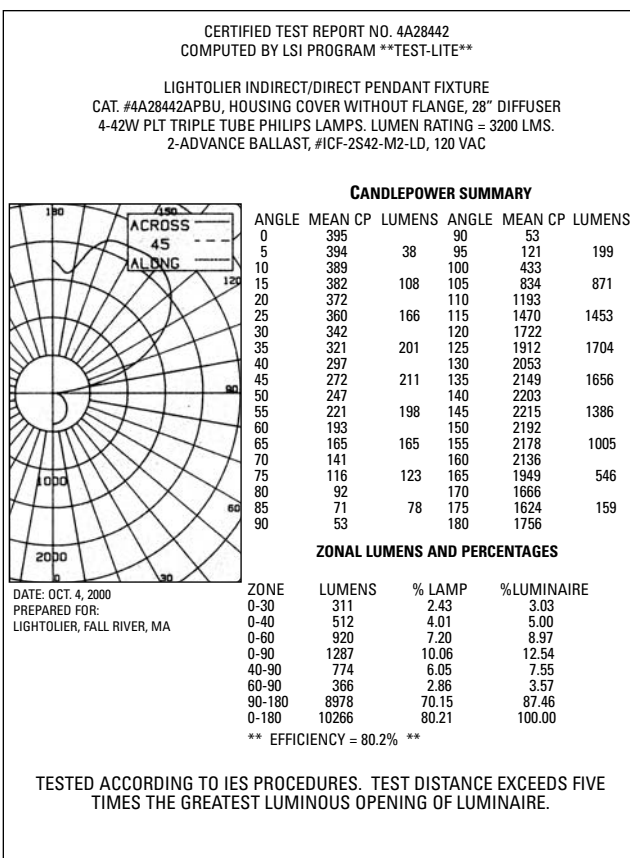
Application Data

28 Inch Diameter 30' x 30' x 10' Space Luminaire			
		Spacing: 10' x 10' Susp. Dist. 28"	
4 Lamps	26W TTT	32W TTT	42W TTT
Illum. (FC) Maint.	30	41	54
Lum. Ratio	8/1	8/1	9/1
Watts/ Sq. Ft.	1.10	1.36	1.86

Reflectances: 80% Ceiling, 50% Walls, 20% Floor.

Light Loss Factor = .75 (.88 BF x .85)

FC (footcandles) at 30" work plane.



COEFFICIENTS OF UTILIZATION ZONAL CAVITY METHOD
%EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

	80			70			50			30			10			0
	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	
1	.68	.65	.63	.60	.57	.54	.44	.42	.41	.29	.28	.27	.15	.15	.14	.08
2	.59	.55	.51	.52	.48	.45	.38	.35	.33	.25	.24	.22	.13	.13	.12	.07
3	.52	.47	.42	.46	.41	.37	.33	.30	.28	.22	.21	.19	.12	.11	.10	.06
4	.46	.40	.36	.40	.35	.32	.30	.26	.24	.20	.18	.16	.10	.10	.09	.05
5	.40	.35	.30	.36	.31	.27	.26	.23	.20	.18	.15	.14	.09	.08	.08	.04
6	.36	.30	.26	.32	.27	.23	.24	.20	.17	.16	.14	.12	.08	.07	.07	.04
7	.32	.26	.22	.28	.23	.20	.21	.18	.15	.14	.12	.10	.08	.06	.06	.03
8	.38	.29	.19	.26	.21	.17	.19	.16	.13	.13	.11	.09	.07	.06	.05	.03
9	.36	.26	.17	.23	.18	.15	.17	.14	.11	.12	.09	.08	.06	.05	.04	.02
10	.33	.24	.15	.21	.16	.13	.16	.12	.10	.11	.08	.07	.06	.05	.04	.02

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES

Job Information

Type:

Lightolier a Genlyte company

www.lightolier.com

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